CoE197s

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Exercise 4: Sharing Images

1) Getting Started

```
C:\Users\Dell\OneDrive\Desktop\Academic\CoE197s\ME8\4-sharing_images>docker login
Authenticating with existing credentials...
Login Succeeded
```

2) Finding Images

```
C:\Users\Dell\OneDrive\Desktop\Academic\CoE197s\ME8\4-sharing_images>docker search kafka
NAME                                    DESCRIPTION                                      STARS     OFFICIAL   AUTOMATED
wurstmeister/kafka                      Multi-Broker Apache Kafka Image                  1361                 [OK]
spotify/kafka                           A simple docker image with both Kafka and Zo…    411                  [OK]
bitnami/kafka                           Apache Kafka is a distributed streaming plat…    235                  [OK]
sheepkiller/kafka-manager               kafka-manager                                    204                  [OK]
kafkamanager/kafka-manager              Docker image for Kafka manager                   122
ches/kafka                              Apache Kafka. Tagged versions. JMX. Cluster-…    117                  [OK]
hlebalbau/kafka-manager                 CMAK (previous known as Kafka Manager) As Do…    82                   [OK]
landoop/kafka-topics-ui                 UI for viewing Kafka Topics config and data …    36                   [OK]
solsson/kafka                           http://kafka.apache.org/documentation.html#q…    22                   [OK]
johnnypark/kafka-zookeeper              Kafka and Zookeeper combined image               22
debezium/kafka                          Kafka image required when running the Debezi…    21                   [OK]
landoop/kafka-lenses-dev                Lenses with Kafka. +Connect +Generators +Con…    20                   [OK]
danielqsj/kafka-exporter                Kafka exporter for Prometheus                    18                   [OK]
landoop/kafka-connect-ui                Web based UI for Kafka Connect                   17                   [OK]
digitalwonderland/kafka                 Latest Kafka - clusterable                       15                   [OK]
tchiotludo/kafkahq                      Kafka GUI to view topics, topics data, consu…    6                    [OK]
solsson/kafkacat                        https://github.com/edenhill/kafkacat/pull/110    5                    [OK]
solsson/kafka-manager                   Deprecated in favor of solsson/kafka:cmak        5                    [OK]
solsson/kafka-consumers-prometheus      https://github.com/cloudworkz/kafka-minion       4                    [OK]
solsson/kafka-prometheus-jmx-exporter   For monitoring of Kubernetes Kafka clusters …    4                    [OK]
mesosphere/kafka-client                 Kafka client                                     3                    [OK]
zenko/kafka-manager                     Kafka Manger https://github.com/yahoo/kafka-…    2                    [OK]
zenreach/kafka-connect                  Zenreach's Kafka Connect Docker Image            2
digitsy/kafka-magic                     Kafka Magic images                               2
anchorfree/kafka                        Kafka broker and Zookeeper image                 2
```

```
C:\Users\Dell\OneDrive\Desktop\Academic\CoE197s\ME8\4-sharing_images>docker pull bitnami/kafka
Using default tag: latest
latest: Pulling from bitnami/kafka
4fb7b694fe70: Pull complete
733e77a0b4da: Pull complete
f63d0d968908: Pull complete
503a20ecaa24: Pull complete
492a40e33504: Pull complete
c74a59f7136d: Pull complete
22656f164754: Pull complete
4b41b7f4dc29: Pull complete
e3ef1b1f242c: Pull complete
463ae56435d4: Pull complete
1e0ee8206866: Pull complete
885c246d4374: Pull complete
c42426534f96: Pull complete
Digest: sha256:c0da4f9a55d6433030ec2182d907139dc64656fca633028abf3145c347ee0a06
Status: Downloaded newer image for bitnami/kafka:latest
docker.io/bitnami/kafka:latest
```

4) Pushing Images

3) Tagging Images

```
C:\Users\Dell\OneDrive\Desktop\Academic\CoE197s\ME8\4-sharing_images>docker images
REPOSITORY                         TAG         IMAGE ID         CREATED          SIZE
seancabalse/ping                   latest      ce8f1edb892e     16 minutes ago   138MB
docker101tutorial                  latest      ed92b27e7580     3 hours ago      28MB
seancabalse/docker101tutorial      latest      ed92b27e7580     3 hours ago      28MB
bitnami/kafka                      latest      df298384cdf1     22 hours ago     585MB
alpine/git                         latest      2abeafdff5b9     3 days ago       25.1MB
ubuntu                             16.04       aefd7f02ae24     3 weeks ago      134MB
```

4)   Pushing Images

```
C:\Users\Dell\OneDrive\Desktop\Academic\CoE197s\ME8\4-sharing_images>docker push seancabalse/ping
Using default tag: latest
The push refers to repository [docker.io/seancabalse/ping]
ccf53f2d0dc4: Pushed
1d5d9edd4bbc: Mounted from library/ubuntu
fbb91e31093e: Mounted from library/ubuntu
31dda91e27a1: Mounted from library/ubuntu
16012e0c1d35: Mounted from library/ubuntu
latest: digest: sha256:f54ea8fb7794f6598e916d939c6955a6ac61ca1b5d7e8193d3227bf2709811d5 size: 1361
```

Explore   >   seancabalse/ping   >

seancabalse/ping ☆

Manage Repository

By seancabalse • Updated a few seconds ago

⬇ Pulls 1

Container

Overview   Tags